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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets necessary)				COMPLETE IF KNOWN	
				Application Number	Not Yet Assigned 10/675734
				Filing Date	Not Yet Assigned 9/30/03
				First Named Inventor	Gillis
				Group Art Unit	Not Yet Assigned 2651
				Examiner Name	Not Yet Assigned Shiangell
SHEET	1	OF	1	Docket Number	HSJ9-2003-0117US1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
AH		US 2003/0067711	A1	Shoda et al.	04-10-2003	
AH		US 2002/0135922	A1	Smith	09-26-2002	
AH		6,417,981	B1	Smith	07-09-2002	
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AH		5,825,591		Nakamura et al.	10-20-1998	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁵ (If known)				
AP			DE3341205 /		Miyuki et al.	05-17-1984		
AP			JP4149819 /		Akira et al.	05-22-1992		
AP			JP60133538 /		Sadakuni et al.	07-16-1985		
AP			JP8203066 /		Saburo et al.	08-09-1996		
AP			JP4345915 /		Yoichi et al.	12-01-1992		
AP			JP2206010 -		Takeo	08-15-1990		
AP			JP63257976 /		Nobuyuki	10-25-1988		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
AP		IBM TECHNICAL DISCLOSURE BULLETIN, Method of Prolonging the Life of Magnetic Disk Storages, June 1988, p. 247	

Examiner Signature	Cinder J. Hylk	Date Considered	9/14/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two letter-code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.